Docket No.

277219US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Piergiorgio DONATI, et al.

JCOS Back PCT/PTO 19 SEP 2005

SERIAL NO:

New U.S. PCT Application Based on PCT/EP04/50286

GAU:

FILED:

Herewith

EXAMINER:

FOR:

LIQUID GROWTH HORMONE FORMULATION AND PROCESS OF PREPARATION THEREOF

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be
related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies
of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the
attached PTO form 1449.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

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Form PTO 1449 U.S. DEPARTMENT OF COMMERCE			ATTY DOCKET NO.	1	SERIAL NO.			
(Modified)		PATENT AND TRADEMARK OFFICE		277219US0PCT		New U.S. PCT Application Based on PGT/EP04/50286		
				APPLICANT Based on PGT/EP04/502				
` LIST OF	REFEF	RENCES CITED BY APP	PLICANT	Piergiorgio DONATI , et al.				
				FILING DATE	GROUP			
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				U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB FILING DATE CLASS IF APPROPRIATE		
	AA 5,567,677 10/22/96 CASTENSSON, Staffan et al.							
			FO	REIGN PATENT DOCUMENTS				.,
		DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION YES NO		
	AB	97/29767	08/21/97	wo				NO
	AC	0 211 601	02/25/87	EP				NO
	AD	93/19776	10/14/93	wo				NO
	AE	94/03198	02/17/94	wo				NO
	AF	0 131 864	01/23/85	EP				NO
				Including Author, Title, Date, Pertinent				
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	AW	Urban J. LEWIS et al., "Altered Proteolytic Cleavage of Human Growth Hormone as a Result of Deamidation", The Journal of Biological Chemistry, Vol. 256, No. 22, pages 11645-11650, 1981. Additional References sheet(s) attached						
Examiner	Examiner /Stephen Gucker/ Date Considered 04/13/2009						009	
	nitial if	reference is considered,		ot citation is in conformance with MPEP 60 m with next communication to applicant.	09; Draw I	ine throug	h citation	if not in

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SHEET 2 OF 2 ATTY DOCKET NO. U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE orm PTO 1449 New U.S. PCT Application (Modified) 277219US0PCT Based on PCT/EP04/50286 **APPLICANT** LIST OF REFERENCES CITED BY APPLICANT Piergiorgio DONATI, et al. **GROUP FILING DATE** Herewith OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) MARTIAL et al., "Huamn Growth Hormone: Complementary DNA Cloning and Expression in Bacteria" Science, Vol. 205, pages 602-607, 1979. Judy MEINKOTH, Geoffrey WAHL: "Hybridization of Nucleic Acids Immobilized on Solid Supports", Analytical Biochemistry, Vol. 138, No. 2, pages 267-284, May 1, 1984. Jerome A. MOORE et a., "Equivalent Potency and Pharmacokinetics of Recombinant Human Growth Hormones with or without an N-Terminal Methionine", Endocrinology, Vol. 122, No. 6, pages 2920-2926.1988. ΑZ William R. PEARSON: "Rapid and Sensitive Sequence Comparison with FATP and FASTA", Methods in Enzymology, Vol. 183, pages 63-98, 1990. William R. PEARSON and David J. LIPMAN: "Improved tools for biological sequence comparison", Proc. Natl. Acad. Sci., Vol. 85, pages 2444-2448, April 1988. R. PEARLMAN and T. H. NGUYEN: "Formulation Strategies for Recombinant Proteins: Human Growth Hormone and Tissue Plasminogen Activator, Therapeutic Peptides and Proteins, Formulations, Delivery and Targeting, Current Communications in Molecular Biology, pages 23-30, 1989. R. N. P. SINGH et al., "Modified Forms of Human Growth Hormone with Increased Biological Activities", Endocrinology, Vol. 94, No. 3, pages 883-891, 1974. Roy G. SMITH et al., "A Nonpeptidyl Growth Hormone Secretagogue", Science, Vol. 260, pages 1640-1643, June 11, 1993. AAE SMITH and WATERMAN: "Identification of Common Molecular Subsequences", J. Mol. Biol., Vol. 147, pages 195-197, 1981. "Comparison of Biosequences", Advances in Applied Mathematics, Vol. 2, pages 482-489, 1981. AAF Ole THORLACIUS-USSING: "Zinc in the Anterior Pituitary of Rat: A Histochemical and Analytical Work", Neuroendocrinology, Vol. 45, pages 233-242, 1987. AAH AAI AAJ AAK AAL AAM AAN **Date Considered** 04/13/2009 Examiner /Stephen Gucker/ *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JC. ... ac'd PCT/PTO 19 SEP 2005

New U.S. PCT Application Based on PCT/EP04/50286 Docket No.: 277219US0PCT

STATEMENT OF RELEVANCY

1) References <u>AA, AB and AC</u> have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.						
2) Reference have been cited in the corresponding Search Report. A copy of this reference is being submitted herewith.						
3) References <u>AD-AAG</u> are discussed in the specification. A copy of these references is being submitted here with.						
4) Reference is additional prior art known to Applicant. A copy of these references is being submitted herewith						